

REMARKS

Claims 1-26 remain in the present application. Applicants respectfully request further examination and reconsideration of the rejections based on the arguments set forth below.

35 U.S.C. Section 112 Objections

Paragraphs 3 and 4 object to Claims 25 and 26 as being indefinite. Applicants have herein amended the dependency of Claims 25 and 26 to obviate the cited objection.

35 U.S.C. Section 103 rejections

Paragraphs 5-6 of the above referenced Office Action states that independent Claims 1, 11, and 17 are rejected as allegedly being rendered unpatentable by Brooke (US Patent No. 6,748,569), in combination with Bauwens (US Patent No. 6,704,893). Applicants respectfully traverse.

Embodiments of the claimed invention relate to an integrated design environment for an electronic device (e.g., programmable system-on-a-chip) that stores constituent descriptions of the modules and devices available for configuration by the designer in a database that is formatted with extensible markup language (XML). The parameterization information is combined with the module and device descriptions to automatically produce a project configuration report. This combination is performed using an extensible stylesheet language (XSL) stylesheet. XSL may be used to transform the XML data into an HTML (hypertext markup language) file that is then

rendered by a browser. Importantly, the project configuration report production functionality is provided within the context of the IDE (integrated design environment).

In contrast, the cited combination does not disclose or suggest an IDE, does not disclose or suggest the production of any reports from an IDE, does not disclose or suggest the use of an IDE to configure an electronic device, or any advantages provided by the use of, and operation within, an IDE. Brooke is relied upon to show XML style sheet processing and XML document methods. Brooke does not disclose or suggest any implementations of a programmable electronic device, any IDE processing, or anything having to do with an IDE.

Bauwens does not solve the deficiencies of Brooke. Bauwens does not show an IDE. Bauwens does not show the configuration of a programmable electronic device within an IDE. Bauwens does not show or suggest the use of an IDE in a design process. Applicants find the cited section of Bauwens to merely disclose "an integrated circuit 10 under test" for use with automatic test equipment (e.g., Bauwens column 4, lines 11-22, and Figure 1).

Furthermore, the addition of Gristede (U.S. Patent No. 6,175,949) does not provide any teaching or suggestion of an IDE. Gristede does not show the configuration of a programmable electronic device within an IDE. Gristede does not show or suggest the use of an IDE in a design process.

Independent Claims 1, 11, 17, and 24 have each been amended to more particularly point out descriptions of an electronic design project from an integrated design environment (IDE). Accordingly, Applicants respectfully assert that the present invention as recited in Claims 1-26 cannot be rendered unpatentable by the cited combination within the meaning 35 U.S.C. section 103.

CONCLUSION

Applicants respectfully assert that all claims (Claims 1-26) are now in condition for allowance and Applicants earnestly solicit such action from the Examiner.

The Examiner is urged to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Please charge any additional fees or apply any credits to our PTO deposit account number: 23-0085.

Respectfully submitted,

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